	Application No.	Applicant(s)
Notice of Allowability	09/994,961	SUDA, KEI
	Examiner	Art Unit	
	TUAN A. PHAM	2618	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *Amendment filed on 06/14/2006*.

2. ☒ The allowed claim(s) is/are *1-4,6-10,16,25-27 and 33-39*.

3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☒ All   b) ☐ Some*   c) ☐ None of the:

       1. ☒ Certified copies of the priority documents have been received.

       2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

       3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

       1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of

    Paper No./Mail Date _____ .

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)

6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .

7. ☐ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

DETAILED ACTION

REASONS FOR ALLOWANCE

1.   Claims 1-4, 6-10, 16, 25-27, and 33-39 are allowed over the prior art of record.

2.   The following is an examiner's statement of reasons for allowance:

The applicant's Remarks, filed on 06/14/2006, have been carefully reviewed with update search. Consequently, reasons for allowance of claims 1-4, 6-10, 16, 25-27, and 33-39 are set forth in the following.

Regarding claim 1, the prior art made of record fails to clearly teach or fairly suggest the feature of a mobile phone having at least one main clock system and operating based on a main clock signal of the main clock system comprises a main counter, and a power saving circuit, wherein the power saving circuit comprises a correction controller configured to count the wait clocks of the wait clock signal for the time period during which the generation of the main clock signal is stopped, and to correct a count value of the main counter based on the counted wait clocks, the correction controller comprises a single counter configured to count the wait clock of the wait clock signal for the time period during which the generation of the main clock signal is stopped, and a calculator configured to calculate the main clocks while the generation of the main clock signal is stopped, and a setting circuit configured to correct the count value of the main counter based on the calculated main clocks, in combination with other limitations, as specified in the independent claim 1, and further limitations of their respective dependent claims 2-4, and 6-10.

Regarding claim 16, the prior art made of record fails to clearly teach or fairly

suggest the feature of a mobile phone having at least one main clock system and

operating based on a main clock signal of the main clock system comprises a main

clock generator, single main counter, and processor, wherein the processor comprises

a clock precision unit which holds a ratio of a frequency of the main clock signal to a

frequency of the wait clock signal, and the CPU calculates the data by multiplying the

wait clocks counted by the wait timer by the ratio held by the clock precision measuring

unit, in combination with other limitations, as specified in the independent claim 16.

Regarding claim 25, the prior art made of record fails to clearly teach or fairly

suggest the logical consequent steps of a method of saving power consumption in a

mobile phone having at least one main clock system and operating based on a main

clock signal of the main clock system, in combination with other limitations, as specified

in the independent claim 25, and further limitations of their respective dependent claims

26-27.

Regarding claim 33, the prior art made of record fails to clearly teach or fairly

suggest the feature of a mobile phone having at least one main clock system and

operating based on a main clock signal of the main clock system comprises a main

counter, a wait counter, and a precision measuring unit, and a controller configured to

stop and restart the generation of the main clock signal, and to reload a value to the

main counter prior to restarting the generation of the main clock signal, wherein the

value is calculated according to both the time period which the generation of the main

clock is stopped and the frequency ratio between the main clock signal and wait clock

signal, in combination with other limitations, as specified in the independent claim 33,

and further limitations of their respective dependent claims 34-39.

Any comments considered necessary by applicant must be submitted no later

than the payment of the issue fee and, to avoid processing delays, should preferably

accompany the issue fee. Such submissions should be clearly labeled "Comments on

Statement of Reasons for Allowance."

Conclusion

3.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Tuan A. Pham whose telephone number is

(571) 272-8097. The examiner can normally be reached on Monday through Friday,

8:30 AM-5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Matthew Anderson can be reached on (571) 272-4177. The fax phone

number for the organization where this application or proceeding is assigned is 571-

273-8300.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

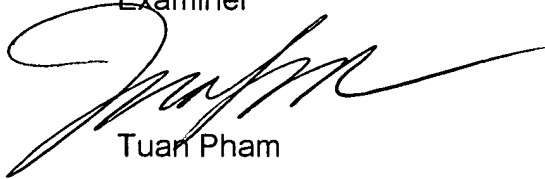Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have question on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free).

Art Unit 2618   Supervisory Patent Examiner
July 29, 2006   Technology Center 2600
Examiner

Tuan Pham   Matthew Anderson